

### IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A sound generation device comprising:  
an audio source to generate an audio signal;  
a radio frequency (RF) transmitter, coupled to the audio source, to transmit an RF carrier signal modulated with the audio signal, the RF carrier signal having a specific carrier frequency;  
and  
a channel locator controller to identify an optimum available carrier frequency, wherein the channel locator controller includes  
a stored program digital computer, the computer to store a database of optimum carrier frequencies arranged by geoposition; and  
a geoposition source coupled to the stored program digital computer to provide a geoposition to the stored program digital computer.
2. (Currently Amended) The sound generation device recited in claim 1, wherein the geoposition source comprises a table stored in one of a programmable read only memory (PROM) device, a cellular phone, a cellular switching center, and an Internet site ~~the channel locator controller comprises:~~  
~~an RF receiver, coupled to the RF transmitter, to receive RF signals having different carrier frequencies; and~~  
~~a channel locator circuit, coupled to the RF receiver, to identify a carrier frequency below a minimum signal strength.~~

3. (Currently Amended) The sound generation device recited in claim 1, wherein the channel locator controller further comprises:

an out-of-band transmitter to transmit a channel selection signal comprising an optimum carrier frequency.

~~a stored program digital computer, the computer to store a database of available carrier frequencies arranged by geolocation; and~~

~~a geolocation source coupled to the stored program digital computer to provide a geolocation to the stored program digital computer.~~

4. (Currently Amended) The sound generation device recited in claim 1 ~~[[3]]~~, wherein the geolocation source comprises one of ~~an element from the group comprising~~ a cellular phone, a GPS (global position system) receiver, a geolocation programming device, a data entry device, and a programmable read only memory.

5. (Currently Amended) The sound generation device recited in claim 1, wherein the sound generation device further comprises:

a channel selection circuit, coupled to the RF transmitter, to select an optimum ~~available~~ carrier frequency on which to transmit the RF carrier signal.

6. (Currently Amended) The sound generation device recited in claim 1, wherein the sound generation device comprises one of ~~equipment from the group comprising~~ an MP3 (Motion Picture Experts Group, Audio Layer 3) player, a compact disk player, a mini-disk player, a micro-disk player, a digital video disk player, a cassette tape player, a radio, a cellular phone, a handheld computer, a portable computer, a television, a video player, a personal digital assistant, an electronic musical instrument, an electronic toy, and a wireless microphone.

7-33. (Canceled)

34. (Currently Amended) A sound generation device comprising:

- an audio source to generate an audio signal;
- a radio frequency (RF) transmitter, coupled to the audio source, to transmit an RF carrier signal modulated with the audio signal, the RF carrier signal having a specific carrier frequency;
- [[and]]
- a channel locator controller to identify an available carrier frequency, wherein the channel locator controller includes
  - an RF receiver, coupled to the RF transmitter, to receive RF signals having different carrier frequencies; and
  - a channel locator circuit, coupled to the RF receiver, to identify a carrier frequency below a minimum signal strength; and
- an out-of-band transmitter to transmit a channel selection signal comprising an available carrier frequency.

35. (Currently Amended) The sound generation device recited in claim 34, wherein the sound generation device further comprises:

- a channel selection circuit, coupled to the RF transmitter, to select the [[an]] available carrier frequency on which to transmit the RF carrier signal.

36. (Currently Amended) The sound generation device recited in claim 34, wherein the sound generation device comprises one of ~~equipment from the group comprising~~ an MP3 (Motion Picture Experts Group, Audio Layer 3) player, a compact disk player, a mini-disk player, a micro-disk player, a digital video disk player, a cassette tape player, a radio, a cellular phone, a handheld computer, a portable computer, a television, a video player, a personal digital assistant, an electronic musical instrument, an electronic toy, and a wireless microphone.

37. (Previously Presented) A sound generation device comprising:
- an audio source to generate an audio signal;
  - a radio frequency (RF) transmitter, coupled to the audio source, to transmit an RF carrier signal modulated with the audio signal, the RF carrier signal having a specific carrier frequency;
  - and
  - a channel locator controller to identify an available carrier frequency, wherein the channel locator controller includes
    - a stored program digital computer, the computer to store a database of available carrier frequencies arranged by geolocation; and
    - a geolocation source coupled to the stored program digital computer to provide a geolocation to the stored program digital computer.
38. (Currently Amended) The sound generation device recited in claim 37, wherein the geolocation source comprises one of an element from the group comprising a cellular phone, a GPS (global position system) receiver, a geolocation programming device, a data entry device, and a programmable read only memory.
39. (Previously Presented) The sound generation device recited in claim 37, wherein the sound generation device further comprises:
- a channel selection circuit, coupled to the RF transmitter, to select an available carrier frequency on which to transmit the RF carrier signal.
40. (Currently Amended) The sound generation device recited in claim 37, wherein the sound generation device comprises one of equipment from the group comprising an MP3 (Motion Picture Experts Group, Audio Layer 3) player, a compact disk player, a mini-disk player, a micro-disk player, a digital video disk player, a cassette tape player, a radio, a cellular phone, a handheld computer, a portable computer, a television, a video player, a personal digital assistant, an electronic musical instrument, an electronic toy, and a wireless microphone.